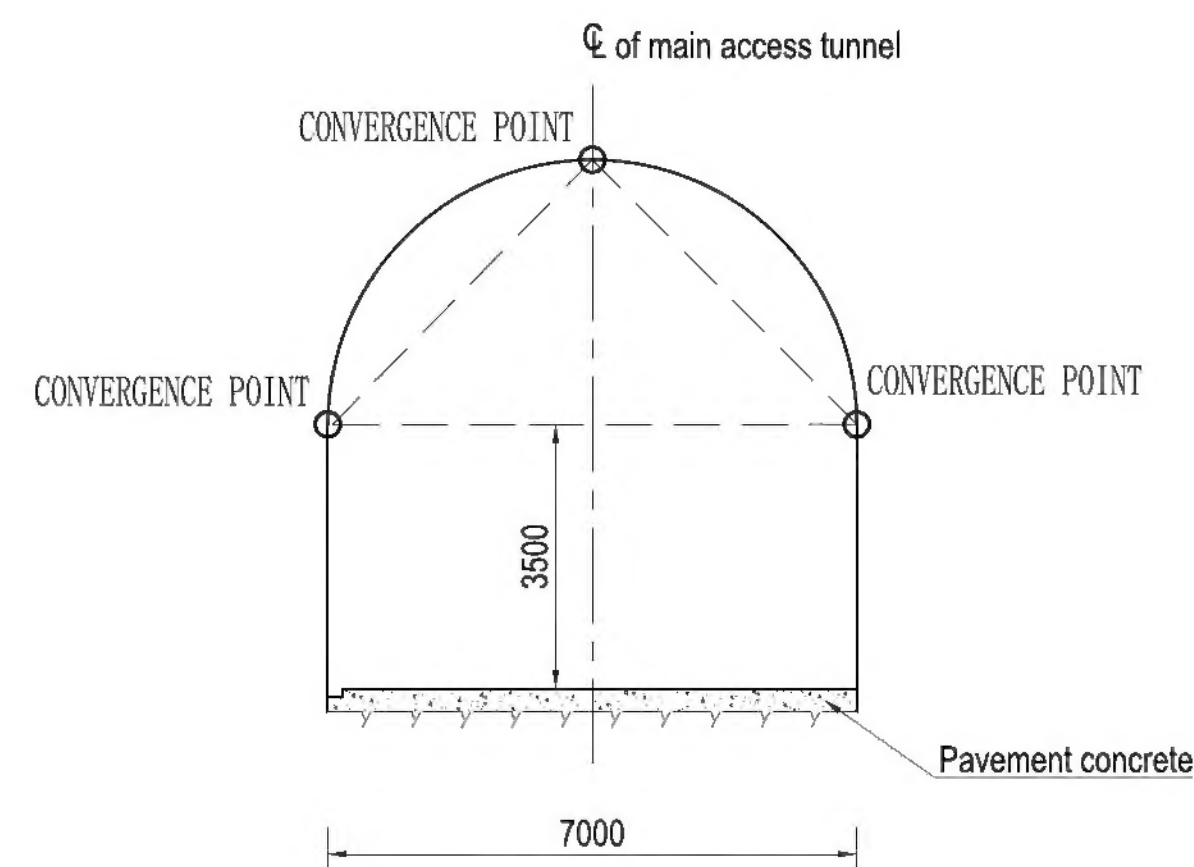


Scale 1:1000



**TYPICAL SECTION OF CONVERGENCE MONITORING**  
**SECTION B-B 1:100**



**TYPICAL SECTION OF CONVERGENCE MONITORING**

**SECTION C-C 1:100**

Diagram illustrating a typical section of convergence monitoring for a tunnel. The section is labeled **SECTION C-C 1:100**.

The diagram shows a cross-section of a tunnel with a semi-circular top. The width of the tunnel is 16000 units, and the height from the base to the center of the top is 3500 units. The center of the top is labeled **C of main access tunnel**.

Three points on the top edge are labeled **CONVERGENCE POINT**. The base is labeled **Pavement concrete**.

Rev.B

5cm

5cm

LUMINESCENT FILM

Rev.B

Max 3cm

Bedrock surface or concrete surface

Measuring point anchor bolt

Steel 10 mm rebar

10~20cm

Cement mortar

Fast setting grout

5cm

1. This set of drawing is the monitoring layout of main access tunnel .
2. All dimensions are in millimeters, and coordinates, chainage and elevation are in meters.
3. Besides convergence measurement, other monitoring items can be carried out as per actual conditions and request of Employer or onsite OE during tunnel construction.
4. The number of monitoring sections, the number of targets per section and the frequency of monitoring indicated in this drawing is tentative and subject to the instructions of the OE at the spot.

UT1-C-090-CVL-DG-64001	LAYOUT OF ACCESS TUNNEL TO POWERHOUSE

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PROJECT TITLE

Upper Trishuli-1 HEP (216MW)

OWNER'S ENGINEER

**TRACTEBEL**  
ENGIE

**jade**  
CONSULT

DRAWING TITLE

LAYOUT DRAWING OF MONITORING FOR MAIN ACCESS TUNNEL

A1 (594 x 841 MM) 1